**Table 1a:  Undergraduate Program Schedule: Computer Aided Drafting Tech) (NTID) AAS**

           Indicate academic calendar type: \_\_x\_Semester \_\_\_Quarter      \_\_\_ Trimester              \_\_\_Other (describe)

           Label each term in sequence, consistent with the institution’s academic calendar (e.g., Fall  1, Spring  1, Fall  2)

           Copy/expand the table as needed to show additional terms

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ASL/Deaf Cultural Studies\* | | |  | | | |  | |  | | | | |  | | | | | | | |
| **Term: Fall 1** | | | Check course classification (s) | | | |  | | **Term: Summer 2** | | | | | (Check course classification (s) | | | | | | | |
| **Course Number & Title** | | CR | LAS | Maj | New | Prerequisite(s) |  | | **Course Number & Title** | | | CR | | LAS | | | Maj | | New | | Prerequisite(s) |
| **NCAR-010 Freshman Seminar** | | 0 |  |  |  |  |  | | NCAD-299 Co-op: CADT | | | 0 | |  | | | ✓ | |  | | NCAD-201 |
| NCAD-112 Computing Tools for Engineering Technology | | 3 |  | ✓ |  | None |  | |  | | |  | |  | | |  | |  | |  |
| NCAD-150 Engineering Graphics in AEC | | 3 |  | ✓ |  | None |  | |  | | |  | |  | | |  | |  | |  |
| LAS-P1:Ethical\* | | 3 | ✓ |  |  |  |  | |  | | |  | |  | | |  | |  | |  |
| LAS Elective\* | | 3 | ✓ |  |  |  |  | |  | | |  | |  | | |  | |  | |  |
| LAS-Elective (NMTH-220 Trigonometry) | | 3 | ✓ |  |  | Math placement code equal to 40 |  | |  | | |  | |  | | |  | |  | |  |
| Term credit total: | | 15 | 9 | 6 |  | |  | | Term credit total: | | | 0 | | 0 | | | 0 | |  | | |
| **Term: Spring 1** | | | Check course classification (s) | | | |  | | **Term: Fall 3** | | | | | (Check course classification (s) | | | | | | | |
| **Course Number & Title** | | CR | LAS | Maj | New | Prerequisite(s) |  | | **Course Number & Title** | | | CR | | LAS | | | Maj | | New | | Prerequisite(s) |
| NCAD-170 Construction CAD I | | 3 |  | ✓ |  | None |  | | NCAD-240 Advanced Construction CAD | | | 3 | |  | | | ✓ | |  | | NCAD-230, NCAD-265,  NCAD-275, NCAD-285,  NCAD-250 (co-req) |
| NCAD-108 Data Collection & Analysis | | 3 |  | ✓ |  | NCAD-150 |  | | NCAD-250 Presentation Graphics | | | 3 | |  | | | ✓ | |  | | NCAD-240 (co-req) |
| NCAD-180 Civil Technology Graphics | | 3 |  | ✓ |  | NCAD-150 |  | | Technical Elective \*\* | | | 3 | |  | | | ✓ | |  | |  |
| NMTH-275 Advanced Mathematics | | 3 |  | ✓ |  | NMTH-212 with a grade of C- or better, or Math placement code equal to or above 40 |  | | LAS-P3: Global\* | | | 3 | | ✓ | | |  | |  | |  |
| First-Year Writing Seminar | | 3 | ✓ |  |  |  |  | | LAS-P4: Social\* | | | 3 | | ✓ | | |  | |  | |  |
| xxxx-xxx PE-Wellness | | 0 |  |  |  |  |  | |  | | |  | |  | | |  | |  | |  |
| Term credit total: | | 15 | 3 | 12 |  | |  | | Term credit total: | | | 15 | | 6 | | | 9 | |  | | |
| **Term: Fall 2** | | | Check course classification (s) | | | |  | | **Term:** | | | | | Check course classification (s) | | | | | | | |
| **Course Number & Title** | | CR | LAS | Maj | New | Prerequisite(s) |  | | **Course Number & Title** | | | CR | | LAS | | | Maj | | New | | Prerequisite(s) |
| NCAD-220 Construction CAD II | | 3 |  | ✓ |  | NCAD-108,  NCAD-170 |  | |  | | |  | |  | | |  | |  | |  |
| NCAD-255 Construction Material and Methods I | | 3 |  | ✓ |  | NCAD-108, NCAD-170 |  | |  | | |  | |  | | |  | |  | |  |
| NCAD-275 Principles of Structural Systems | | 3 |  | ✓ |  | NCAD-108, NCAD-170 |  | |  | | |  | |  | | |  | |  | |  |
| LAS-P6 (NSCI-201 Principles of Physics) | | 3 | ✓ |  |  | NMTH-180 or above |  | |  | | |  | |  | | |  | |  | |  |
| NCAD-201 Job Search Process for CADT | | 3 |  | ✓ |  |  |  | |  | | |  | |  | | |  | |  | |  |
|  | |  |  |  |  |  |  | |  | | |  | |  | | |  | |  | |  |
| Term credit total: | | 15 | 3 | 12 |  | |  | | Term credit total: | | |  | |  | | |  | |  | | |
| **Term: Spring 2** | | | Check course classification (s | | | |  | | **Term:** | | | | | Check course classification (s) | | | | | | | |
| **Course Number & Title** | | CR | LAS | Maj | New | Prerequisite(s) |  | | **Course Number & Title** | | | CR | | LAS | | | Maj | | New | | Prerequisite(s) |
| NCAD-230 Construction CAD III | | 3 |  | ✓ |  | NCAD-220, NCAD-255 |  | |  | | |  | |  | | |  | |  | |  |
| NCAD-265 Construction Materials and Methods II | | 3 |  | ✓ |  | NCAD-255 |  | |  | | |  | |  | | |  | |  | |  |
| NCAD-285 MEP Systems | | 3 |  | ✓ |  | NCAD-220 |  | |  | | |  | |  | | |  | |  | |  |
| NCAD-245 Energy Modeling for Sustainable Construction | | 3 | - | ✓ |  | NCAD 220 |  | |  | | |  | |  | | |  | |  | |  |
| LAS-P2: Artistic\* | | 3 | ✓ |  |  |  |  | |  | | |  | |  | | |  | |  | |  |
| Term credit total: | | 15 | 3 | 12 |  | |  | | Term credit total: | | |  | |  | | |  | |  | | |
| **Program Totals:** | **Credits: 75** | | | | **Liberal Arts & Sciences: 24** | | | | | **Major: 51** | | | | | **Elective & Other: 0** | | | | | | |
|  |  |  |  |  |  |  |  |  | |  |  | |  | |  |  | |  | |  | |

**Cr:**  credits     **LAS:** liberal arts & sciences      **Maj:**  major requirement           **New:**  new course               **Prerequisite(s):** list prerequisite(s) for the noted courses

**#pending NYSED approval of program title change**

\* An ASL-Deaf Cultural Studies (AASASLDCS) course is required for graduation. It can be taken in any semester and can be taken at NTID or another college of RIT. In order to fulfill this requirement as part of the 75 credits in the program, it should be a course approved for *both* AASASLDCS *and* an LAS Perspective or LAS Elective.

\*\*NOTE: See list of Technical Electives on next page (p. 15)

**Technical Elective**: Choose one from the following list of courses, or by departmental approval.

NAIS-120 Principles of Design and Color

NAIS-130 Raster and Vector Graphics

NHSS-223 Scenic and Lighting Technology

NHSS-248-02 Theatre Practicum-Lighting

NHSS-248-08 Theatre Practicum-Set Construction

CVET-140 Materials of Construction & CVET-141 Materials of Construction Laboratory (permission required)

CVET-160 Surveying & CVET-161 Surveying Laboratory (permission required)

NCAD-280 GIS Fundamentals